DIN EN ISO 9185:2025-12 (E)

Protective clothing - Assessment of resistance of materials to molten metal splash (ISO 9185:2025)

Contents

Page

Foreword ..... **iv**

Introduction ..... **v**

1 Scope **1**

2 Normative references **1**

3 Terms and definitions **1**

4 Principle **1**

5 Apparatus and materials **2**

6 Conditioning **6**

7 Preparation of test specimens **6**

8 Operator safety **7**

9 Procedure **7**
9.1 Setting up the apparatus 7
9.2 Preparation of molten metal or cryolite 7
9.3 Attachment of test material to specimen holder 7
9.4 Pouring 7
9.4.1 Pouring of molten metal 7
9.4.2 Pouring of molten cryolite 7
9.4.3 Additional procedures 8
9.5 Examination 8
9.6 Determination of mass of metal poured 8

10 Testing procedures **8**
10.1 Iterative testing procedure 8
10.2 Performance level-based testing procedure 8

11 Void tests **9**

12 Test report **9**

Annex A (normative) **Test conditions for certain metals and for cryolite** **10**

Annex B (normative) **Method of test for assessment of thermal characteristics of PVC sensor film** **11**

Annex C (informative) **Assessment of 'damage' to the PVC sensor film** **12**

Bibliography **15**